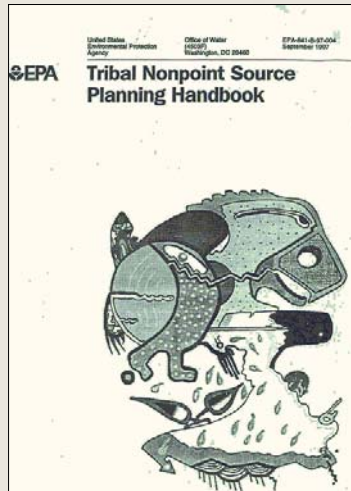


## NPS Assessment Report and Management Program

- Enables Tribes to identify NPS effects on water quality (ie. Use CWA 106 monitoring data)
- Enables Tribes to determine NPS pollution causes
- Rank NPS affected waterbodies by impairment
- Proposes solutions to address identified NPS
  - Best Management Practices (BMPs)
  - Other Activities

2

# NPS Planning Handbook



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## Sample Assessment Report Checklist

### OVERVIEW:

- G Purpose of report:
- G Explain need for NPS assessment report:
- G General summary of analysis to follow:

### INTRODUCTION:

- G Goals and objectives of NPS Assessment Report:

### METHODOLOGY:

- G Describe how and where the data for the analysis of the NPS sources of pollution were obtained:
- G Identify any uncommon software or evaluation techniques:
- G Describe how thoroughly the study was conducted; any assumptions made in the analysis:
- G Describe any classifications/abbreviations made for assessment:
- G Describe types of sampling and purpose of sampling:

### LAND USE SUMMARY:

- G Describe in general, the existing conditions on the tribal lands:
- G Include map
- G Describe land uses and socioeconomic conditions:

### SURFACE AND GROUND WATER QUALITY SUMMARY:

- G Thoroughly describe the existing conditions of the tribal waters:
- G Map of waters with complete description:
- G Water hydrology and quality:
- G Existing NPS reduction program for tribal lands identified:

### RESULTS:

- G Present available scientific information related to NPS pollution on tribal lands
- G Provide data table for waters
  - Name of waterbody, size/length, identified pollutant, severity of impairment
- G Discuss each major type of water quality parameter or pollutant

### RESULTS (continued):

- G Analyze data according to category of NPS pollution
  - Identify waterbodies affected by each category

### DISCUSSION:

- G Discuss info presented in "Results" section
- G Identify categories of NPS pollution that are causing the majority of impaired water uses - rank them on impairment

### SELECTION OF BMPS:

- G Purpose: identify the established process for selecting BMPS
  - G (1) core participation (mission statement):
  - G (2) public participation and government coordination:
  - G (3) specific programs (contacted for BMPS assistance):
  - G (4) Existing BMPS (organized by category of NPS pollution):
  - G (5) Pollution reduction - description of process:

### NPS CONTROL PROGRAMS:

- G For each category of NPS pollution, identify and describe all available programs for controlling NPS pollution

### CONCLUSIONS:

- G Provide a summary of the key findings of NPS assessment report and list special concerns
- G Identify the category(ies) of NPS that is most detrimental and will be targeted in 319 program

### REFERENCES:

### APPENDICES:

### ACRONYM LIST:

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## Sample Management Plan Checklist

### **OVERVIEW:**

- G State the purpose of the document and explain the need for a NPS management program for tribal lands.
- G Provide a summary of major conclusions of the management program:

### **INTRODUCTION:**

- G Describe the goals and objectives of the NPS source management program:
- G Present a detailed description/listing of steps used in identifying NPS source problem areas, priority waterbodies, and BMPs solutions (basically a concise summary of the assessment report)

### **MANAGEMENT PROGRAM SUMMARY:**

- G This section of the report should be organized by the NPS pollution categories that are identified as priorities in the assessment report and will be addressed in the management program.
  - G BMPs identified for each category form subsections, include milestones for each section of plan (presented in tabular form)
- For each NPS source pollution category provide:
- G (1) brief introductory paragraph describing nps source, as well as problems and needs associated with the source
    - info on primary pollutants, % of land use associated with NPS pollution category
  - G (2) identify specific short-term goals and objectives

### **MANAGEMENT PROGRAM SUMMARY (continued):**

- G (3) For each activity (BMP), determine (if possible) and include supporting text for
  - lead agency
  - cooperating agency
  - funding schedule
  - waterbodies by BMPs
  - any impacts on ground water supply
  - implementation schedule and milestones
- G (4) Identify any additional, long-term objectives for nps category

### **EXISTING AUTHORITIES AND PROGRAMS**

- G identify and describe any tribal or federal laws or programs that address NPS pollution and activities associated with each
- G description of specific programs (in addition to 319) for money and technical assistance at tribal, local, state, or federal level
  - define various roles of each:

### **REFERENCES:**

### **APPENDICES:**

- G any additional info?

### **ACRONYM LIST:**

Full size checklists are included at the end of the presentation.

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## NPS Assessment Report

A tool to help identify:

- Water quality problems
- Sources of NPS pollution
- Existing Best Management Practices (BMPs)
- Programs and methods to control NPS pollution



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## Components (15)

- Cover
- Contents
- Overview
- Introduction
- Methodology
- Land Use Summary
- Surface and Ground Water Quality Summary
- Results
- Discussion
- Selection of Management Practices
- Nonpoint Source Control Programs
- Conclusions
- References
- Appendices
- Acronym List

7

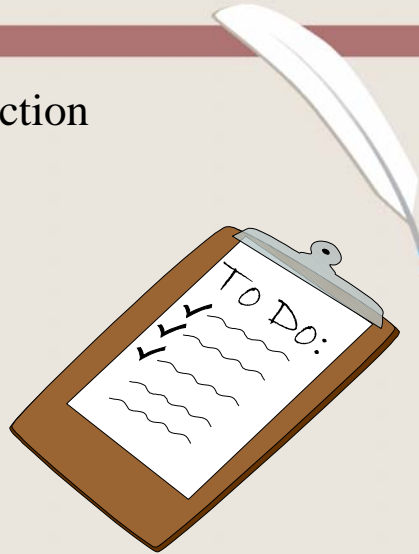
## Overview

- Purpose of Report
- Explain need for NPS Assessment Report
- A general summary of analysis to follow

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## Introduction

- State the goals of report
- State the objectives of report



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## Methodology

Describe:

- How and where was the data obtained (ie., CWA 106)
- How was the study conducted
- Any assumptions made in analysis
- Any uncommon software or evaluation techniques



## Land Use Summary

Describe:

- Existing condition of tribal lands
- Land uses and socioeconomic conditions
- Include Maps



## Surface and Ground Water Quality Summary

- Describe existing conditions of tribal waters
  - Water hydrology and quality (recommend use information from CWA 106 monitoring program)
- Describe existing NPS reduction programs
  - Example: Ranchers provide alternate water sources for cattle to prevent them from using ponds
- Map of waters
  - Use same map from TAS/FAE application

## Results

Present data information\*  
related to NPS pollution on  
tribal lands:

1. Surface and ground water quality
2. Major water quality pollutants
3. Affected waterbodies

\*Recommend using tabular format



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## Discussion

- Discuss all information presented in the “Results” section
- Identify categories of NPS pollution that are causing the majority of impaired water uses
  - Rank them by impairment



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## Selection of Best Management Practices

**Purpose:** Identify the established process for selecting Best Management Practices (BMPs)

1. Core participants and mission statement
2. Public participation and government coordination
3. Specific programs (contacted for assistance with BMPs)
4. Existing BMPs (organized by categories of NPS pollution)
5. Pollution reduction—description of process

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## NPS Control Programs

- For each category of NPS pollution, identify and describe all available methods and programs

Existing Agriculture BMPs by Nonpoint Source Category					
NPS Category	Nonpoint Source	NRCS Conservation Practice Standards		Partners	Potential Funding
Hydrologic & Habitat Modification	Historic Overgrazing, Erosion & Habitat Destruction & Natural Geologic	322	Channel Vegetation	Tribal EPA/NRCS	CWA 319
		390	Riparian Herbaceous Cover	Tribal EPA/NRCS	CWA 319
		395	Stream Habitat Improvement & Management	Tribal EPA/NRCS/USFW/University	CWA 319/USFW
		584	Stream Channel Stabilization	Tribal EPA/NRCS	CWA 319

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## Conclusions

- Summarize key water quality and NPS pollution findings
- List special concerns
- Identify the most detrimental categories of NPS pollution



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## NPS Management Program

- A multiyear strategy document designed to bring NPS pollution under control
- Describes how the Tribe intends to correct or prevent existing or potential NPS problems identified in the Assessment Report
- Identifies reservation-wide and watershed-level projects to implement management practices for pollution prevention

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## NPS Management Program

- Specifically break down discussion in program by each NPS problem area
  - What water quality parameters are affected by the NPS pollution?
  - What BMPs should be used to address the NPS pollution problem? Will the selected BMPs improve the water quality?
  - How much funding is needed to implement selected BMPs?
  - What kind of technical assistance should be used in implementing the BMPs?

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## NPS Management Program

### Program Components (9)

- Cover
- Contents
- Overview
- Introduction
- Management Program Summary
- Management Program
  - Implementation program
  - Budget plan
- Existing Authorities and Programs
- References
- Appendices

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## Overview

- State purpose of this document
  - Brief summary of Slide #19
- Explain need for NPS Management Program for Tribal Lands
  - Discuss findings from NPS Assessment Report
- Provide summary of major conclusions of management program
  - What are the most detrimental NPS problems to be addressed? What BMPs should be implemented?

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## Introduction

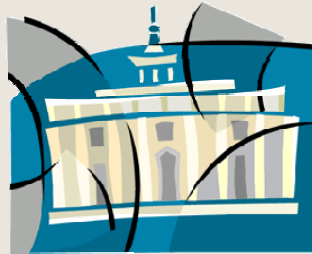
- Describe goals and objectives of NPS Management Program
- Present a detailed description/listing of steps used in identifying
  - NPS problem areas
  - Priority waterbodies
  - BMPs Solutions



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## Management Program Summary

- Identify the program's legal authority
- Identify the program's administering agency (ie., WQ Dept)
- Explain how program is organized
- Explain how each component will be funded



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## Management Program

For each NPS pollution category provide:

1. Brief introductory paragraph describing NPS source to be addressed
  - Problems associated with NPS source
  - Information on primary water quality pollutants
  - Percentage of land use associated with NPS pollution category
2. Identify short-term goals and objectives to address the NPS problem

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## Management Program

(continued)

3. For each NPS pollution category, determine (if possible) and include supporting text for:
- Specific BMPs to implement
  - Priority watersheds or critical areas to address
  - Expected water quality improvements from BMP implementation
  - Lead agency to implement BMP
  - Cooperating agencies to assist with BMP implementation
  - Public outreach (Information and education needs on why implementing BMPs)
  - Funding schedule and budget plan for BMPs implementation
  - BMP implementation schedule and milestones

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## Management Program

(continued)

### ***Agriculture Milestones***

Activity	Year 1	Year 2	Year 3	Year 4	Year 5
Demonstration – winter grazing and feeding on Coyote Creek	X				
Implement 4 grazing BMPs on range units 9 and 10 on Little Fox Creek		X			
Monitor range units 9 and 10 for water quality changes		X	X	X	X

### ***Silviculture Milestones***

Activity	Year 1	Year 2	Year 3	Year 4	Year 5
Stabilize abandoned logging roads		X	X	X	X

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## Management Program (continued)

- Funding schedule/budget plan

ACTIVITY		FUNDING SOURCE						
Year 1	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS
Activity 1	\$	\$	\$	\$	\$	\$	\$	\$
Activity 2	\$	\$	\$	\$	\$	\$	\$	\$
Activity 3	\$	\$	\$	\$	\$	\$	\$	\$
Year 2	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS
Activity 1	\$	\$	\$	\$	\$	\$	\$	\$
Activity 2	\$	\$	\$	\$	\$	\$	\$	\$
Activity 3	\$	\$	\$	\$	\$	\$	\$	\$
Year 3	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS
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Year 5	Est. Cost	Tribe	319	106	GAP	SRF	BIA	NRCS

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## Existing Authorities and Programs

- Identify and describe any tribal or federal NPS pollution laws or programs (ie., Water Quality Ordinances)
- Describe any specific grant programs (in addition to CWA 319) that provide financial assistance or resources that provide technical assistance.

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## References

- References
- Appendices



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## NEXT STEPS

- Submit completed NPS Assessment Report and Management Program Plan to your EPA Project Officer for review and approval
  - Some minor revisions may be required before approval of document
- Recommend revising and updating your NPS Assessment Report and Management Plan every 5 years (or sooner if major development or new environmental issues has occurred)
  - Use either CWA 106 funds or CWA 319 base funds

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